



TROPICAL CYCLONE BULLETIN NO. 5

Tropical Storm "FLORITA"

Issued at 11:00 AM, 22 August 2022

Valid for broadcast until the next bulletin at 5:00 PM today

FLORITA INTENSIFIES INTO TROPICAL STORM WHILE MOVING WEST SOUTHWESTWARD OVER THE PHILIPPINE SEA

Location of Center (10:00 AM)	
The center of Tropical Storm "FLORITA" was estimated based on all available data at 215 km East of Casiguran, Aurora (16.0°N, 124.1°E)	
Intensity	
Maximum sustained winds of 75 km/h near the center, gustiness of up to 90 km/h , and central pressure of 996 hPa	
Present Movement	
West Southwestward at 15 km/h	
Extent of Tropical Cyclone Winds	
Strong winds extend outwards up to 220 km from the center	

TRACK AND INTENSITY FORECAST

Date and Time	Center Position		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 22 August 2022	16.2	123.5	145 km East of Casiguran, Aurora	85	TS	W 10
24-Hour Forecast 8:00 AM 23 August 2022	17.2	122.7	Over the coastal waters of Palanan, Isabela	85	TS	NW 10
36-Hour Forecast 8:00 PM 23 August 2022	18.6	121.0	Over the coastal waters Santa Praxedes, Cagayan	85	TS	NW 20
48-Hour Forecast 8:00 AM 24 August 2022	19.6	118.9	270 km West of Calayan, Cagayan	85	TS	WNW 20
60-Hour Forecast 8:00 PM 24 August 2022	20.6	117.0	520 km West of Basco, Batanes	95	STS	WNW 20
72-Hour Forecast 8:00 AM 25 August 2022	21.8	114.7	750 km West of Itbayat, Batanes (Outside the PAR)	95	STS	WNW 25
96-Hour Forecast 8:00 AM 26 August 2022	23.8	109.0	1,365 km West Northwest of Extreme Northern Luzon or in the vicinity of Guangxi, China (Outside the PAR)	65	TS	WNW 25

Prepared by: SMRR

Checked by: SFD



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 (Gale-force winds prevailing or expected within the next 24 hours)	The eastern portion of Cagayan (Enrile, Tuguegarao City, Peñablanca, Iguig, Baggao, Gattaran, Lal-Lo, Gonzaga, Santa Teresita, Buguey, Santa Ana), the eastern and central portions of Isabela (Cabagan, San Pablo, Santa Maria, Maconacon, Divilacan, Palanan, San Mariano, Ilagan City, Delfin Albano, Tumauni, Santo Tomas, Quezon, Mallig, Roxas, Quirino, San Manuel, Aurora, Cabatuan, Luna, Burgos, Gamu, Reina Mercedes, City of Cauayan, Alicia, San Isidro, Echague, Jones, San Agustin, San Guillermo, Angadanan, Naguilian, Benito Soliven, Dinapigue), the extreme northern portion of Aurora (Dilasag, Casiguran), and the northeastern portion of Quirino (Maddela)	-	-
Potential impacts of winds: Minor to moderate threat to life and property			
1 (Strong winds prevailing or expected within the next 36 hours)	The rest of Cagayan, the rest of Isabela, the rest of Quirino, Nueva Vizcaya, Apayao, Abra, Kalinga, Mountain Province, Ifugao, Benguet, La Union, Ilocos Norte, Ilocos Sur, the northern and central portions of Aurora (Dinalungan, Dipaculao, Baler, Maria Aurora, San Luis), and the northern portion of Polillo Island (Panukulan, Burdeos)	-	-
Potential impacts of winds: Minimal to minor threat to life and property			

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HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall</p> <ul style="list-style-type: none"> • Today: Light to moderate with at times heavy rains over Cagayan, Isabela, Batanes, Aurora, Ilocos Norte, Ilocos Sur, and La Union. • Tomorrow: Heavy to intense with at times torrential rains over Cagayan, Isabela, Batanes, Cordillera Administrative Region, and Ilocos Region. Moderate to heavy rains over the northern portion of Aurora, Zambales, Bataan, and the rest of Cagayan Valley. Light to moderate with at times heavy rains over the rest of Central Luzon. • In the next 24 hours, the Southwest Monsoon will bring monsoon rains over Southern Luzon and Western Visayas. For more information, refer to the Weather Advisory #2 issued at 11:00 AM today. • Under these conditions, scattered to widespread flooding (including flash floods) and rain-induced landslides are expected especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall. <p>Severe Winds</p> <ul style="list-style-type: none"> • Winds may reach gale-force in strength in any of the areas where Wind Signal no. 2 is hoisted throughout the passage of Tropical Storm "FLORITA". • Strong winds (strong breeze to near gale strength) will be experienced within any of the areas where Wind Signal no. 1 is currently in effect. • In the next 24 hours, gusts reaching strong breeze to near gale strength may be experienced (especially in the coastal and mountainous areas) over Bicol Region, Batangas, Mindoro Provinces, Marinduque, Romblon, Northern Samar, Antique, and Aklan as FLORITA begins to enhanced the prevailing Southwest Monsoon. • Areas where Wind Signals are hoisted will be expanded in succeeding bulletins, while the hoisted wind signals in some localities of the country will likely be upgraded as "FLORITA" moves closer.
HAZARDS AFFECTING COASTAL WATERS
<p>Under the influence of Tropical Storm "FLORITA" and the prevailing Southwest Monsoon, a Gale Warning is in effect over the eastern seaboard of Luzon. For more information, refer to Gale Warning #1 (Intermediate) issued at 11:00 AM today.</p>
TRACK AND INTENSITY OUTLOOK
<ul style="list-style-type: none"> • Tropical Storm "FLORITA" will continue moving generally west southwestward or westward in the next 12 hours before turning west northwestward or northwestward late evening. On the forecast track, the tropical cyclone is forecast to maintain this heading until it makes landfall in the vicinity of the east coast of Cagayan or northern Isabela tomorrow afternoon. Afterwards, the center of FLORITA will traverse the Babuyan Channel and may pass close over Babuyan Islands tomorrow evening or Wednesday early morning before emerging over the West Philippine Sea. • "FLORITA" intensified into a tropical storm at 8:00 AM today. Further intensification is likely prior to its landfall. There is a potential for slight weakening as FLORITA crosses the northern portion of Northern Luzon due to frictional effects of the rugged terrain, but the tropical cyclone will likely remain Tropical Storm throughout the passage over land. Outside the Philippine Area of Responsibility, this tropical cyclone may intensify into severe tropical storm and may reach a peak intensity of 95 km/h.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA

Page 3 of 3

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Checked by:  **SFD**